

Abstract

A traction cable actuator has a sun gear, with a lever, at least two planetary gears engaged with the sun gear, and a housing with a toothed race engaging the planetary gears. The housing further has a lock spring seat, and a traction cable sleeve seat. A drive shaft operatively engages with the sun gear to turn the sun gear. The shaft has at least one release tab. A pulley is disposed within the housing. The pulley has planetary gear axles disposed to receive driving force from the planetary gears. The pulley also has a traction cable wire seat. A lock spring disposed to engage said lock spring seat in the housing engages the lever on the sun gear when the sun gear is turned. The lock spring holds said pulley in a position selected by turning the drive shaft. A bearing and groove stop assembly may be included.